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above Square Island. A number of specimens of various kind were taken, but the greater part of the time was spent in hand dredging. The results have been sent to the Smithsonian Institution, and will soon be published. Mr. Stearns is about publishing a work on Labrador that will probably combine the greater part of our present information on that subject. It will be uniform with his *New England Bird Life*, the second volume of which will soon appear, and probably come out under the name of the same publishers, Messrs. Lee & Shepard, of Boston, Mass.

MICROSCOPY.¹

MICROSCOPY AT THE AMERICAN ASSOCIATION.—The first meeting of the new section of Histology and Microscopy, during the Montreal meeting of the American Association, fully justified the recent action of the Association in thus enlarging the scope and prominence of its former subsection of microscopy. Large and interesting sessions were held on four days during the week of the meeting, and many important papers were read. Easily first among the attractions of the meeting was the presence of the honored leader in microscopy, Dr. Wm. B. Carpenter, of London, and many microscopists who have heretofore only admired his judgment and skill as an author, found new pleasure in his genial presence, and in his thoughtful, suggestive and conclusive remarks. His rational and conservative views in regard to angular aperture were received with evident approval by the audience.

MARTIN'S UNMOUNTED OBJECTS.—The unmounted material from the laboratory of the late Mr. John Martin, of Maidstone, England, has been forwarded by his family to the Natural Science establishment of Professor Henry A. Ward, of Rochester, N. Y. It consists of a variety of hairs, scales, feathers, spines, spicules, seeds, pollens, sections of skin, hoofs and horns, infusorial earth, diatoms, foraminifera, etc. The specimens are folded in papers, and packed in small pill boxes. They are offered for sale at ten cents per box.

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SCIENTIFIC NEWS.

— Professors Silliman, Johnson and Brewer, of the National Academy's committee on sorghum culture, have been visiting Rio Grande, near Cape May, New Jersey, for the purpose of inspecting Mr. Hilgard's sugar works there. They consider the success of the method there adopted, as assured. The sorghum crop has long been an important one in this country, and its true status will now be more generally known, through the labors of Mr. Collyer and this committee.

—Dr. W. Kowalevsky of Moscow is at present in this country, and is studying the fossil vertebrata of Prof. Cope's collection in Philadelphia.

¹ This department is edited by Dr. R. H. WARD, Troy, N. Y.

— Professor Owen has dubbed the anti-vivisectionists, bestiarists, to distinguish them from the humanitarians.

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PROCEEDINGS OF SCIENTIFIC SOCIETIES.

THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.—The following is a list of the papers read in the biological section :

SECTION F—BIOLOGY.

- The fertilization of *Yucca*. Thomas Meehan.
 Demonstration of a series of Brains prepared by Giacomini's method. William Osler.
 Description of a new species of Alcyonoid Polyp. Robt. E. C. Stearns.
 On the Polymorphism of *Lycæna pseudargiolus*. W. H. Edwards.
 Note on the sterility of the Canada thistle at Yellow Springs, Ohio. E. W. Claypole.
 On the mouth of the larva of *Chrysopa*. Wm Saunders.
 Some remarks on the flora of North America. Professor Asa Gray.
 Achænodon from the Bridger Eocene beds. Henry F. Osborn.
 The Placental development in Mammals. Henry O. Marcy.
 The motion of roots and radicles of Indian corn and beans. W. S. Beal.
 Observations on the fertilization of *Yucca*, and on structural and anatomical peculiarities in *Pronuba* and *Prodoxus*. C. V. Riley.
 A sketch of the history of our knowledge of the Budding of *Salpa*. W. K. Brooks.
 Fritz Müller and the Nauplius of Decapods. W. K. Brooks.
 Examination of some controverted points of the physiology of voice. T. Wesley Mills.
 Illusions of motions, with exhibition of apparatus. H. P. Bowditch.
 Cross Heredity from sex to sex. Mrs. A. B. Blackwell.
 Achenial hairs and fibers of *Compositæ*. G. Macloskie.
Blastesis tridens: a pear-tree fungus. Wm. H. Seamen.
 On a recent species of *Heteropora* from the strait of Juan de Fuca. J. F. Whiteaves.
 Insects *versus* flowers in the matter of Fertilization. E. W. Claypole.
 On the Gall-mites. W. A. Buckhout.
 A sketch of the history of our knowledge of the budding of *Salpa*. W. K. Brooks.
 Fritz Müller and the Nauplius of Decapods. W. K. Brooks.
 A new sexual character in the pupæ of some *Lepidoptera*. J. A. Lintner.
 On the position of the Gamopetalæ.
 Note on the occurrence of traces of a northern flora in Southwestern Ohio. E. W. Claypole.
 Progressive growth of dermoid coat of the membrana tympani. Clarence J. Blake.
 The morphology of arteries. Frank Baker.
 Emulsions of petroleum and their value as insecticides. C. V. Riley.
 The Jessup collection to illustrate American forestry in the Museum of Natural History, Central Park, N. Y. Albert S. Bickmore.
 The hibernation of *Atetia xyliæ* in the U. S. a settled fact. C. V. Riley.
 Observations on the elm-leaf beetle (*Galeruca xanthomelana*). G. Macloskie.
 The organic compounds in their relation to life. Lester F. Ward.
 The primary divisions of the Ungulata. Edward D. Cope.
 On the habits of *Cryptobranchus*. Burt G. Wilder.
 Classification of organisms. Lester F. Ward.
 Some observations on the action of frost upon leaf-cells. C. E. Bessey.
 The fauna of the Puerco Eocene. Edward D. Cope.
 Remarks on the Turbellaria. Wyllis A. Silliman.
 On an egg parasite of the currant saw-fly, *Nematus ventricosus*. J. A. Lintner.
 Monograph of the Clematidæ of the United States. Joseph F. James.
 Notes on the flora of the Rocky mountains. Sereno Watson.